

Receipt date: 10/21/2008



Express Mail No.: EV 860865791 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	APPLICATION NO:	10/812,351
	FILING DATE:	5/29/2004
	FIRST NAMED INVENTOR:	Gary Durack,
	ART UNIT:	1797
	EXAMINER NAME:	Maureen Wallenhorst
	DOCKET NO:	Inguran-Pulse-US

I. US PATENT DOCUMENTS

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III. FOREIGN PATENT DOCUMENTS

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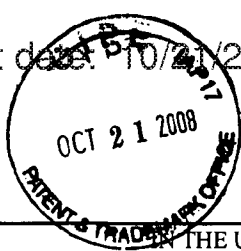
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IV. NON-PATENT LITERATURE DOCUMENTS

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	FIRST NAMED INVENTOR:	Gary Durack,
	ART UNIT:	1797
	EXAMINER NAME:	Maureen Wallenhorst
	DOCKET NO:	Inguran-Pulse-US

I. US PATENT DOCUMENTS

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	4,083,957	4/11/1978	Lang	
	4,085,205	4/18/1978	Hancock	
	4,092,229	5/30/1978	Bhattacharya	
	4,110,604	8/29/1978	Haynes et al.	
	4,148,718	4/10/1979	Fulwyler	
	4,155,831	5/22/1979	Bhattacharya	
	4,162,282	7/24/1979	Fulwyler et al.	
	4,175,662	11/27/1979	Zold	
	4,178,936	12/18/1979	Newcomb	
	4,179,218	12/18/1979	Erdmann et al.	
	4,189,236	2/19/1980	Hogg et al.	
	4,191,749	3/4/1980	Bryant	
	4,200,802	4/29/1980	Salzman et al.	
	4,225,229	9/30/1980	Gohde	
	4,225,405	9/30/1980	Lawson	
	4,230,558	10/28/1980	Fulwyler	
	4,255,021	3/10/1981	Brunsdon	
	4,263,508	4/21/1981	Leary et al.	
	4,267,268	5/12/1981	Nelson, Jr.	
	4,274,408	6/23/1981	Nimrod	
	4,274,740	6/23/1981	Eidenschink et al.	
	4,276,139	6/30/1981	Lawson	
	4,302,166	11/24/1981	Fulwyler et al.	
	4,317,520	3/2/1982	Lombardo et al.	
	4,318,480	3/9/1982	Lombardo et al.	
	4,318,481	3/9/1982	Lombardo et al.	
	4,318,482	3/9/1982	Barry et al.	
	4,325,483	4/20/1982	Lombardo et al.	
	4,327,177	4/27/1982	Shrimpton	
	4,339,434	7/13/1982	Ericsson	
	4,341,471	7/27/1982	Hogg et al.	
	4,348,107	9/7/1982	Leif	
	4,350,410	9/21/1982	Minott	
	4,352,558	10/5/1982	Eisert, W.	
	4,361,400	11/30/1982	Gray et al.	
	4,362,246	12/7/1982	Adair	
	4,367,043	1/4/1983	Sweet et al.	
	4,395,397	7/26/1983	Shapiro	
	4,395,676	7/26/1983	Hollinger et al.	
	4,400,764	8/23/1983	Kenyon	
	4,408,877	10/11/1983	Lindmo et al.	
	4,422,761	12/27/1983	Frommer	
	4,448,767	5/15/1984	Bryant	
	4,474,875	10/2/1984	Shrimpton	
	4,487,320	12/11/1984	Auer	
	4,492,436	1/8/1985	Bergmann	
	4,498,766	2/12/1985	Unterleitner	
	4,501,366	2/26/1985	Thompson	
	4,511,661	4/16/1985	Goldberg	
	4,515,274	5/7/1985	Hollinger et al.	

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	4,538,733	11/3/1985	Hoffman	
	4,545,677	10/8/1985	Chupp	
	4,559,309	12/17/1985	Evenson	
	4,573,796	3/4/1986	Martin	
	4,585,736	4/29/1986	Dolbeare et al.	
	4,598,408	7/1/1986	O'Keefe	
	4,600,302	7/15/1986	Sage, Jr.	
	4,605,558	8/12/1986	Shrimpton	
	4,609,286	9/2/1986	Sage, Jr.	
	4,629,687	12/16/1986	Schindler et al.	
	4,631,483	12/23/1986	Proni et al.	
	4,637,691	1/20/1987	Uehara et al.	
	4,654,025	3/31/1987	Cassou et al.	
	4,659,185	4/21/1987	Aughton	
	4,660,971	4/28/1987	Sage et al.	
	4,661,913	4/28/1987	Wu et al.	
	4,662,742	5/5/1987	Chupp	
	4,673,288	6/16/1987	Thomas et al.	
	4,673,289	6/16/1987	Gaucher	
	4,680,258	7/14/1987	Hammerling et al.	
	4,683,195	7/28/1987	Mullis et al.	
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	4,691,829	9/8/1987	Auer	
	4,698,142	10/6/1987	Muroi et al.	
	4,702,598	10/27/1987	Böhmer	
	4,704,891	11/10/1987	Recktenwald et al.	
	4,710,635	12/1/1987	Chupp	
	4,714,680	12/22/1987	Civin	
	4,737,025	4/12/1988	Steen	
	4,744,090	5/10/1988	Freiberg	
	4,749,458	6/7/1988	Muroi et al.	
	4,752,131	6/21/1988	Eisenlauer et al.	
	4,756,427	7/12/1988	Gohde. et al.	
	4,758,729	7/19/1988	Monnin	
	4,764,013	08/00/1988	Johnston	
	4,765,737	8/23/1988	Harris et al.	
	4,770,992	9/13/1988	den Engh et al.	
	4,778,593	10/18/1988	Yamashita et al.	
	4,780,406	10/25/1988	Dolbeare et al.	
	4,780,451	10/15/1988	Donaldson	
	4,786,165	11/22/1988	Yamamoto et al.	
	4,790,653	12/13/1988	North, Jr.	
	4,794,086	1/27/1988	Kasper et al.	
	4,796,788	1/10/1989	Bond	
	4,818,103	4/4/1989	Thomas et al.	
	4,831,385	5/16/1989	Archer et al.	
	4,836,038	6/6/1989	Baldwyn	
	4,845,025	7/4/1989	Lary et al.	
	4,846,785	7/11/1989	Cassou	
	4,867,908	9/19/1989	Recktenwald et al.	
	4,871,249	10/3/1989	Watson	

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	4,877,965	10/31/1989	Dandliker, et al.	
	4,887,721	12/19/1989	Martin et al.	
	4,915,501	4/10/1990	Steen	
	4,936,465	6/26/1990	Zold	
	4,942,305	7/17/1990	Sommer	
	4,954,715	9/4/1990	Zold	
	4,957,363	9/18/1990	Takeda et al.	
	4,959,354	9/25/1990	Barbetti	
	4,965,204	10/23/1990	Civin	
	4,979,093	12/18/1990	Laine, et al.	
	4,980,277	12/25/1990	Junilla	
	4,981,580	1/1/1991	Auer	
	4,983,038	1/8/1991	Ohki et al.	
	4,987,539	1/22/1991	Moore et al.	
	4,988,619	1/29/1991	Pinkel	
	4,989,977	2/5/1991	North, Jr.	
	4,999,283	3/12/1991	Zavos et al.	
	5,005,981	4/9/1991	Schulte et al.	
	5,007,732	4/16/1991	Ohki et al.	
	5,017,497	5/21/1991	De Grooth	
	5,021,244	6/4/1991	Spaulding	
	5,030,002	7/9/1991	North, Jr.	
	5,034,613	7/23/1991	Denk et al.	
	5,040,890	8/20/1991	North, Jr.	
	5,043,591	8/27/1991	Ludlow et al.	
	5,055,393	10/8/1991	Kwon et al.	
	5,057,413	10/15/1991	Terstappen et al.	
	5,072,382	12/10/1991	Kamentsky	
	5,076,472	12/31/1991	Gross et al.	
	5,079,959	1/14/1992	Miyake et al.	
	5,084,004	01/00/1992	Ranoux	
	5,087,295	2/11/1992	Gross et al.	
	5,088,816	2/18/1992	Tomioka et al.	
	5,089,714	2/18/1992	Ludlow et al.	
	5,098,657	3/24/1992	Blackford et al.	
	5,101,978	4/7/1992	Marcus	
	5,116,125	5/26/1992	Rigler	
	5,127,729	7/7/1992	Oetliker et al.	
	5,132,548	7/21/1992	Borden et al.	
	5,135,759	8/4/1992	Johnson	
	5,138,181	8/11/1992	Lefevre et al.	
	5,142,140	8/25/1992	Yamazaki et al.	
	5,142,462	8/25/1992	Kashima	
	5,144,224	9/1/1992	Larsen	
	5,150,313	9/22/1992	Van den Engh et al.	
	5,158,889	10/27/1992	Hirako et al.	
	5,159,397	10/27/1992	Kosaka et al.	
	5,159,403	10/27/1992	Kosaka	
	5,162,306	11/10/1992	Donaldson	
	5,167,926	12/1/1992	Kimura et al.	
	5,180,065	1/19/1993	Touge et al.	

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	5,195,979	12/24/1991	Schinkel et al.	
	5,199,576	4/6/1993	Corio et al.	
	5,204,884	4/20/1993	Leary et al.	
	5,215,376	6/1/1993	Schulte et al.	
	5,219,729	06/00/1993	Hodgen	
	5,247,339	9/21/1993	Ogino	
	5,259,593	11/9/1993	Orme et al.	
	5,260,764	11/9/1993	Fukuda et al.	
	5,274,240	12/28/1993	Mathies et al.	
	5,275,787	1/4/1994	Yuguchi et al.	
	5,298,967	3/29/1994	Wells	
	5,315,122	5/24/1994	Pinsky et al.	
	5,316,540	5/31/1994	McMannis et al.	
	5,317,162	5/31/1994	Pinsky et al.	
	5,346,990	9/13/1994	Spaulding	
	5,359,907	11/1/1994	Baker et al.	
	5,366,888	11/22/1994	Fry et al.	
	5,367,474	11/22/1994	Auer, et al.	
	5,370,842	12/6/1994	Miyazaki et al.	
	5,371,585	12/6/1994	Morgan et al.	
	5,395,588	3/7/1995	North, Jr. et al.	
	5,400,179	3/21/1995	Ito	
	5,412,466	5/2/1995	Ogino	
	5,437,987	8/1/1995	Ten et al.	
	5,439,362	8/8/1995	Spaulding	
	5,444,527	8/22/1995	Kosaka	
	5,447,841	9/5/1995	Grey et al.	
	5,447,842	9/5/1995	Simons	
	5,452,054	9/19/1995	Dewa et al.	
	5,457,526	10/10/1995	Kosaka	
	5,461,145	10/24/1995	Kudo et al.	
	5,464,581	11/7/1995	Van den Engh	
	5,466,572	11/14/1995	Sasaki et al.	
	5,467,189	11/14/1995	Kreikebaum et al.	
	5,469,375	11/21/1995	Kosaka	
	5,471,294	11/28/1995	Ogino	
	5,471,299	11/28/1995	Kaye et al.	
	5,475,487	12/12/1995	Mariella, Jr. et al.	
	5,480,774	1/2/1996	Hew et al.	
	5,480,775	1/2/1996	Ito et al.	
	5,483,469	1/9/1996	Van den Engh et al.	
	5,488,469	1/30/1996	Yamamoto et al.	
	5,492,534	2/20/1996	Atheyde	
	5,494,795	2/27/1996	Guerry et al.	
	5,495,719	3/5/1996	Gray, Jr.	
	5,496,272	3/5/1996	Chung et al.	
	5,503,994	4/2/1996	Shear et al.	
	5,514,537	5/7/1996	Chandler	
	5,523,573	6/4/1996	Hanninen, et al.	
	5,532,155	07/00/1996	Ranoux	
	5,547,849	8/20/1996	Baer et al.	

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	5,550,058	8/27/1996	Corio et al.	
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	5,558,998	9/24/1996	Hammond et al.	
	5,559,032	9/24/1996	Pomeroy et al.	
	5,578,449	11/26/1996	Fr asch et a.	
	5,579,159	11/26/1996	Ito	
	5,584,982	12/17/1996	Dovich et al.	
	5,589,457	12/31/1996	Wiltbank	
	5,596,401	1/21/1997	Kusuzawa	
	5,601,234	2/11/1997	Larue	
	5,601,235	2/11/1997	Booker et al.	
	5,601,533	2/11/1997	Hancke et al.	
	5,602,039	2/11/1997	Van den Engh	
	5,602,349	2/11/1997	Van den Engh	
	5,608,519	3/4/1997	Grouley et al.	
	5,620,842	4/15/1997	Davis et al.	
	5,622,820	4/11/1997	Rossi	
	5,627,037	5/6/1997	Ward et al.	
	5,633,503	5/27/1997	Kosaka	
	5,641,457	6/24/1997	Vardanega	
	5,643,796	7/1/1997	Van Den Engh et al.	
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	5,658,751	8/19/1997	Yue et al.	
	5,660,997	8/26/1997	Spaulding	
	5,663,048	9/2/1997	Winkfein et al.	
	5,665,315	9/9/1997	Robert et al.	
	5,672,880	9/30/1997	Kain	
	5,674,743	10/7/1997	Ulmer	
	5,675,401	10/7/1997	Wangler et al.	
	5,682,038	10/28/1997	Hoffman	
	5,684,575	11/4/1997	Steen	
	5,687,727	11/18/1997	Kraus et al.	
	5,690,815	11/25/1997	Krasnoff et al.	
	5,690,895	11/25/1997	Matsumoto et al.	
	5,691,133	11/25/1997	Critser et al.	
	5,693,534	12/00/1997	Alak et al.	
	5,696,157	12/9/1997	Wang et al.	
	5,700,692	12/23/1997	Sweet	
	5,701,012	12/23/1997	Ho	
	5,707,808	1/13/1998	Roslaniec et al.	
	5,708,868	1/13/1998	Ishikawa, Masarori	
	5,712,807	12/27/1998	Bangham	
	5,719,666	2/17/1998	Fukuda et al.	
	5,719,667	2/17/1998	Miers	
	5,726,009	3/10/1998	Connors et al.	
	5,726,364	3/10/1998	Van den Engh	
	5,726,751	3/10/1998	Altendorf et al.	
	5,730,941	3/24/1998	Lefevre et al.	
	5,736,330	4/7/1998	Fulton	

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5,745,308	4/28/1998	Spangenberg	
5,747,349	5/10/1998	den Engh et al.	
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5,780,230	7/14/1998	Li et al.	
5,786,560	7/28/1998	Tatah et al.	
5,790,692	8/4/1998	Price et al.	
5,793,485	8/11/1998	Gourley	
5,795,767	6/2/1998	Lakowicz et al.	
5,796,112	8/18/1998	Ichie	
5,798,276	8/25/1998	Haugland et al.	
5,799,830	9/1/1988	Carroll et al.	
5,804,436	9/8/1998	Okun et al.	
5,815,262	8/29/1998	Schrof et al.	
5,819,948	10/13/1998	Van den Engh	
5,824,269	10/20/1998	Kosaka et al.	
5,831,723	11/3/1998	Kubota et al.	
5,835,262	11/10/1998	Iketaki et al.	
5,840,504	11/24/1998	Blecher	
5,844,685	12/1/1998	Gontin	
5,846,737	12/8/1998	Kang	
5,866,344	2/2/1999	Georgiou	
5,868,767	2/9/1999	Farley et al.	
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5,873,254	02/00/1999	Arav	
5,874,266	2/23/1999	Paisson	
5,876,942	3/2/1999	Cheng et al.	
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5,917,733	6/29/1999	Bangham	
5,919,360	7/6/1999	Contaxis, III et al.	
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5,972,710	10/26/1999	Weigl et al.	
5,973,842	10/26/1999	Spangenberg	
5,985,216	11/16/1999	Rens et al.	
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	5,998,212	12/7/1999	Corio et al.	
	6,002,471	12/14/1999	Quake	
	6,003,678	12/21/1999	Van den Engh	
	6,042,249	3/28/2000	Spangenberg	
	6,050,935	04/00/2000	Ranoux et al.	
	6,071,689	6/6/2000	Seidel et al.	
	6,071,689	6/6/2000	Seidel et al.	
	6,079,836	6/27/2000	Burr et al.	
	6,086,574	7/11/2000	Carroll et al.	
	6,087,352	7/11/2000	Trout	
	6,090,947	7/18/2000	Dervan et al.	
	6,097,485	8/1/2000	Lievan	
	6,111,398	8/29/2000	Graham	
	6,117,068	9/12/2000	Gourley et al.	
	6,119,465	9/19/2000	Mullens et al.	
	6,120,735	9/19/2000	Zborowski et al.	
	6,128,133	10/3/2000	Bergmann	
	6,130,034	10/10/2000	Aitken	
	6,132,961	10/17/2000	Gray et al.	
	6,133,044	10/17/2000	Van den Engh	
	6,133,995	10/17/2000	Kubota	
	6,139,800	10/31/2000	Chandler	
	6,140,121	10/00/2000	Ellington et al.	
	6,143,535	11/7/2000	Paisson	
	6,143,901	11/7/2000	Dervan	
	6,146,837	11/14/2000	van de Winkel	
	6,149,867	11/21/2000	Seidel et al.	
	6,153,373	11/28/2000	Benjamin et al.	
	6,154,276	11/28/2000	Mariella Jr.	
	6,175,409	1/16/2001	Nielsen et al.	
	6,177,277	1/23/2001	Soini	
	6,238,920	5/29/2001	Nagai et al.	
	6,248,590	6/19/2001	Malachowski	
	6,263,745	7/24/2001	Buchanan et al.	
	6,283,920	09/00/2001	Eberle et al.	
	6,309,815	10/30/2001	Tash et al.	
	6,316,234	11/13/2001	Bova	
	6,328,071	12-11-2001	Austin	
	6,357,307	03/1920/02	Buchanan et al.	
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	6,411,835	6/25/2002	Modell et al.	
	6,463,314	10/8/2002	Haruna	
	6,489,092	12/3/2002	Benjamin et al.	
	6,495,366	12/17/2002	Briggs	
	6,524,860	2/25/2003	Seidel et al.	
	6,528,802	3/4/2003	Karsten et al.	
	6,534,308	3/18/2003	Palsson et al.	
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	6,618,679	9/9/2003	Loehrlein et al.	
	6,642,018	11/4/2003	Koller et al.	
	6,667,830	12/23/2003	Iketaki et al.	
	6,671,044	12/30/2003	Ortyn et al.	
	6,673,095	1/6/2004	Nordquist	
	6,698,627	3/2/2004	Garcia et al.	
	6,704,313	4/6/1999	De Resende, A. et al	
	6,729,369	4/4/2004	Neas et al.	
	6,752,298	6/22/2004	Garcia et al.	
	6,761,286	7/13/2004	Py et al.	
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	6,767,706	7/27/2004	Quake	
	6,782,768	8/31/2004	Buchanan et al.	
	6,789,706	9/14/2004	Abergel et al.	
	6,789,759	9/14/2004	Heldt	
	6,793,387	9/21/2004	Neas et al.	
	6,819,411	11/16/2004	Sharpe et al.	
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